रजिस्ट्री सं० डी-(डी)—73 REGISTERED NO. D-(D)—73

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The Gazette of India

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PUBLISHED BY AUTHORITY

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No. 1] NEW DELHI, SATURDAY, JANUARY 7, 1978 (PAUSA 17, 1899)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2
PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OOFICE
PATENTS & DESIGNS
Calcutta, the 7th January 1977
CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated the 3rd September 1977, under the heading "COMPLETE SPECIFICATIONS ACCEPTED".

(1)

In page 739 column 2. line 9, against No. 142852—

Insert DAVID before RICHARD WEBB.

(2)

In page 751, column I, line 4, against No. 142856—

for LAD.

read LTD.

(3)

In page 752, column 1, against No. 142861—

insert Int. Cl. C08f 45/02, 47/04 below CLASS.

(4)

In page 752, column 1, lines 1 & 2 against No. 142862—

for Class 61Ad I

read Class 61A & I

for Int. Cl. F26b 21/20

read Int. Cl. F26b 21/02.

(5)

In page 757, column 1, line 8, against No. 142887—

for S.I.M.S. SOCIETA'

read S.I.M.B. SOCIETA'

(2)

In the Gazette of India, Part III, Section 2, dated the 10th September 1977, under the heading "COMPLETE SPECIFICATIONS ACCEPTED".

(1)

In page 776, column 1, line 6, against No. 142940—

insert OF AUSTRALIA

after COMMONWEALTH.

(3)

In the Gazette of India, Part III, Section 2, dated the 17th September 1977, under the heading "COMPLETE SPECIFICATIONS ACCEPTED".

(1)

In page 787, column 1, line 2, against No. 142968—

for Int. Cl. 821d 11/06

read Int. Cl. B21d 11/06.

(2)

In page 787, column 2, line 4, against No. 142971—

for UNIROYAL A. B.

read UNIROYAL A. G.

(3)

In page 788, column 1, line 1, against No. 142973—

for Class 12K

read Class 129K

(4)

In page 728, column 2, line 10, against No. 142976—

for JEE

for JEE

(5)

In page 790, column 2, against No. 142985—

insert Application No. 593/Cal/75 filed March 24, 1975 *before* Appropriate office.

(6)

In page 791, column 1, lines 11 and 13 against No. 142987—

delete Patents Rules, 1972) Patent Office, Delhi Branch *for* Patent Office, Calcutta

read Patent Office, Delhi Branch.

(4)

In the Gazette of India, Part III, Section 2, dated the 24th September 1977, under the heading "COMPLETE SPECIFICATIONS ACCEPTED".

(1)

In page 806, column 2, line 9, against No. 143027—

for No. 1175/Cal/75

read No. 1175/Cal/74

(2)

In page 816, column 1, lines 1 and 2, against No. 143077—

for Class 32A1

read Class 32A1 & 62C1

for Int. Cl. C09b 31/04

read Int. Cl. C09b 31/04 & D06p 1/16.

(3)

In page 816, column 2, lines 3 and 4, against No. 143077—

delete Appropriate office for opposition Proceedings

(Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

1st December, 1977

1668/Cal/77. Levi Strauss & Co. Method of Manufacturing twill fabrics. [Divisional date April 13, 1976].

1669/Cal/77. Indian Jute Industries' Research Association. A composition and a method for imparting fire-retardancy and fire proofing to textile materials.

1670/Cal/77. Standard Car Truck Company. Railroad car side frame construction.

1671/Cal/77. Standard Can Truck Company. Ftailroad friction casting structure.

1672/Cal/77. Standard Car Truck Company. Bolster retaining structure.

1673/Cal/77. Standard Car Truck Company. Reinforced bolster. (April 28, 1977).

1674/Cal/77. Intercane Systems, Inc. Improvement to sugarcane processing equipment. (December 10, 1976).

2nd December, 1977.

1675/Cal/77. BBC Brown, Boveri & Company, Limited. Method and apparatus for detecting fault in electrical networks.

1676/Cal/77. Plessey Handel Und Investments AG. Circuit arrangements for use in telephone exchange systems. (December 3, 1976).

1677/Cal/77. Standard Car Truck Company. Freight car truck friction stabilizer providing constant friction force from empty condition to approximately one half loaded car condition and variable damping thereafter.

1678/Cal/77. Standard Car Truck Company. Means for distributing the load requirements of a friction casting bearing surface on the underside of a truck bolster upper compression member.

1679/Cal/77. Ethicon Inc. Absorbable coating composition for sutures.

1680/Cal/77. A. B. Majhi. Gravity machine or ["G", "g" machine].

1681/Cal/77. Vaesojuzny Nauchno-Issledovatelsky Institut Tekhni-Cheskogo Ugleroda. Atomizing device.

3rd December, 1977

1682/Cal/77. N .V. Philips' Gloeilampenfabrieken. Varia capacitor.

1683/Cal/77. Snamprogetti S.p.A. Integrated ammonia-ur producing process, for the production of urea.

1684/Cal/77. Inco Europe Limited. Process sand apparatu for the atomisation of metals.

1685/Cal/77. Hoechst Aktiengesellschaft. Stabilized red phosphorus and process for making it.

1686/Cal/77. Smith & Nephew Research Limited. Medical compositions. (December 3, 1976).

1687/Cal/77. Tractel Tirfor India (P) Ltd. Turning and aerating machines with improved feeding and stack breaking device.

1688/Cal/77. Gosudaratvennoe Sojuznoe Konstruktorsko-Tekhnologicheskoe Bjuro PO Proektirovaniju Schetnykh Mashin. Digital computer for statistical data processing.

6th December, 1977

1689/Cal/77. Smt. Rina Bala. Improvements in or relating to oxygen lancing device.

1690/Cal/77. Siemens Aktiengesellschaft. Method and apparatus for waveform synthesis. (October 20, 1977).

1691/Cal/77. Siemens Aktiengesellschaft. Filters and noise reduction. (October 20, 1977).

6th December, 1977

1692/Cal/77. Ovutime, Inc. Viscometer for indicating the rheological propetries of fluids having high and low viscosity components.

1693/Cal/77. E. I. DU Pont DE Nemours and Company. Explosive connecting cord and cord manufacturing method and apparatus.

1694/Cal/77. Chaux ET Dolomies DU Boulonnais, (2) Centre D'Etudes ET DE Resherches DE L'Industric DES Liants Hydrauliques and Jacques Surbeck. Beton colloidal leger.

1695/Cal/77. Buddhadeb Ghosh. Flame-life.

1696/Cal/77. Bayer Aktiengesellschaft. A process and reactor for the preparation of coper phthalocyanine. [Divisional date June 5, 1975].

7th December, 1977

1697/Cal/77. Keeline Productions Limited. Improvements in or relating to cinematorgraphic man production (December 8, 1976).

1698/Cal/77. Friedrich Grohe Armaturenfabrik G.m.b.H. & Co. Faucet for sanitary engineering.

1699/Cal/77. Oldham & Limited. Improvements in or relating to al batteries. (December 14, 1976).

1700/Cal/77. Saint-G ndustries. Process and apparatus for the m ure of fibres from attenuable materials.

1701/Cal/77. Demag Aktiengesellschaft. Method of continuous smelting of ferrochrome.

1702/Cal/77. Hoechst Aktiengesellschaft. Water-soluble dyeing composition for the preparation of anionic fiber-reactive azo dyestuffs and their use for dyeing and priting.

1703/Cal/77. Institutul DE Cercetari Proiectari Technologice Sticla Si Ceramica Fina. Oxidic compositions of glasses r fibres continuous spain, with the big resista nt a k -medium by the type of mortar wit cement

APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

24th November, 1977.

412/Del/77. Vereinigte Edelstahlwerke Aktiengesellchaft (VEW). Improvements in or relating to a method of and arrangement for producing ingots of unalloyed and alloyed steels.

413/Del/77. Leisure Life Inc. Frame structure for casting building panels.

414/Del/77. Council of Scienitfic and Industrial Research. Development of an improved process or manufacturing impellers of centrifugal pumps.

26th November, 1977.

415/Del/77. Bharat Heavy Electricals Limited. Process for preparing metallurgical micro structure without destroying metalurgical object.

416/Del/77. Bharat Heavy Electricals Limited. Device for measuring hardness of metallic material particularly at a high temperature.

28th November, 1977.

417/Del/77. Hellenic Plastics and Rubber Industry N. & M. Petzetakis S. A. Improvements in or relating to non-woven net structures and articles incorporating such structures. (December 13, 1977).

418/Del/77. E. R. Squibb & Sons. Inc. Derivatives of thiazolidine-carboxylic acids and related acids.

419/Del/77. Aluminium Pechiney. A method of improving the current supply of electrolysis cels aligned in a length-wise direction.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

29th November, 1977.

185/Mas/77. Thaivanan Seshagiri. A device for indicating the balance point of weighing machines.

ALTERATION OF DATE

143627.
Ante-dated 22nd May, 1973.
98/Cal/76.

143628.
Ante-dated 26th December, 1973.
384/Cal/76.

143629.
Ante-dated 26th December, 1973.
385/Cal/76.

143630.
Ante-dated 18th December, 1973.
391/Cal/76.

143645.
Ante-dated 10th February, 1977.
1307/Cal/77.

143646.
Ante-dated 10th February, 1977.
1308/Cal/77.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect or each such application, on the prescribed from 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8 Kiran Sankar Ray Road, Calcutta in due Course. The price of each specification is Rs. 2/- (postage extra is sent out of India) Requisition for the supply of the printed specifications should be accompanies by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be assertained on application to that office.

CLASS 73. 143617.

Int. Cl.-D06c 21/00.

WEB COMPACTING APPARATUS INCORPORATING IMPROVED LUBRICATING MEANS

Applicant : CLUPAK, INC., AT 530 FIFTH AVENUE, NEW YORK, NEW YORK-10036, UNITED STATES OF AMERICA.

Inventors : FAUSTO BARONI, (2) ALBERT HEIN.

Application No. 2520/Cal/74 filed November, 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A web compacting apparatus incorporating improved lubricating means comprising in combination :

a cylinderical drum mounted for rotation about its axis,

a compactor bar having a smooth curved surface,

a relatively thick endless belt of an elastomeric material arranged to pass betwee na peripheral sector of the drum and the compactor bar,

the compactor bar pressing the belt toward the drum so that a nip space between the belt and the drum is established,

means for feeding a web to be compacted through the nip space between the belt and drum whereby the web adheres to a stretched outside surface of the belt passing through the nip space and as the outside surface unstretches or contracts in passing into the drum the web is compacted in the nip.

the belt having an inside surface which curves about the compactor bar is pressing engagement therewith,

means for introducing a lubricating liquid onto the inside surface of the belt whereby a pool of liquid is maintained between the compactor bar and the inside surface of the belt as the inside surface approaches the compactor bar,

confining means at each side of the belt to confine the pool of liquid,

the compactor bar being hollow and being provided with at least one weir opening therethrough communicating with an interior cavity thereof and into which excess of the liquid can overflow to maintain a desired level of the pool, and means for withdrawing the liquid from the interior cavity of the compactor bar.

CLASS 104F. & 152E. 143618.

Int. Cl.-C08d 7/16.

PROCESS FOR PRODUCING A HEAT-SENSITIVE POLYMER LATEX.

Applicant : BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

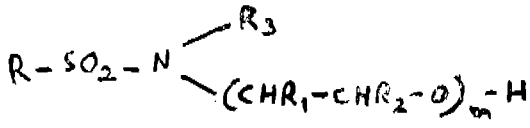
Inventors : MARTIN MATNER, (2) HERMANN PERREY, & ERNST SCHWINUM.

Application No. 453/Cal/75 filed March 7, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for producing heat sensitive polymer latices which comprises adding before, during or after polymerisation of olefinically unsaturated monomers in aqueous emulsion a sulfon amide of the general formula.



wherein

R represents alkyl, chloroalkyl or cycloalkyl having from 8 to 30 carbonatoms or alkeyl having from 10 to 30 carbon atoms,

R_1 and R_2 which may be the same or different represent hydrogen, chloromethyl, methyl, ethyl or phenyl, m is 0 or an integar from 1 to 50, and

R_3 represents hydrogen, alkyl, alkenyl, aryl or

(CHR, -CHR_2- O) M -H wherein R_1 and R_2 and m are as defined above, in a quantity of from 0.1 to 10% by weight based on the monomer or polymer and subsequently adding to the resulting latex heat sensitiser known per se in an amount of from 0.05 to 10% by weight based on the polymer.

CLASS 147E & K &187E. 14'619.

Int. Cl.-H04r 17/00; C01g 21/02;

23/04; 25/02.

IMPROVEMENTS IN OR RELATING TO THE MANUFACTURE OF LEAD ZIRCONATE TITANATE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : DR. VSHWA NATH BINDAL, (2) SHRI THOTTASSERI RAGHAVAN KUTTY MENON AND NARAYANAIYER NARAYANA SWAMI.

Application No. 1433/Cal/75 filed July 23, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims.

A process for the manufacture of lead zirconate titanate having high dielectric constant and coupling coefficient, by preparing an oxide mix by mixing lead oxide, zirconium oxide, strontium oxide and titanium dioxide followed by calcination, shaping, sintering, electroding and polarization, characterised in that (i) rare earths compound oxide in the range of 0.08% to 0.15% by weight of total oxide mix and (ii) lanthanum oxide in the range of 0.85% to 0.92% by weight of the total oxide mix are added to the oxide mix prior to the calcination.

CLASS 32E. 143620.

Int. Cl.-C08f 1/00; 3/04.

POLYMERIZATION OF ETHYLENE WITH OXYGEN AND ORGANIC INITIATORS.

Applicant : UNION CARBIDE CORPORATION, AT 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK, 10017, UNITED STATES OF AMERICA.

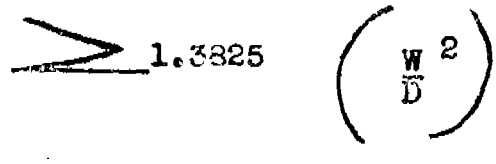
Inventor : JOHN PAUL MARANO, JR.

Application No. 1663/Cal/75 filed August 28, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

In a process for producing film grade polymer of ethylene having improved optical properites and a low hexane extractables fraction in a tubular reactor under high pressure conditions in the presence of chain transfer agent such as herein described and a plurality of free radical initiators such as herein described, the improvement which comprises conducting said process in a reactor having a length to diameter ration of 7 1000, and wherein the length of the tubular reactor, in feet, between the point in the tubular reactor at which the initiation temperature of a first organic free radical initiator is reached and the point in the tubular reactor at which the peak temperature of a second organic free radical initiator is reached is



wherein W= the monomer pumping rate, in pounds per hour, and D= the inner diameter of the reactor tube, in Inches and in the presence of, as said initiators, molecular oxygen, at least one said first organic free radical initiator having a ten hour half life temperature of $< 123°C$. and at least one said second organic free radical initiator having a ten hour hour life temperature $> 133°C$.

CLASS 23H. 143621.

Int. Cl.-H04b 1/00.

IMPROVEMENTS IN OR RELATING TO ELECTRICAL COMMUNICATIONS DEVICE.

Applicant : SIEMENS AKTIENGESELLSCHAFT OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : HANS DONATH, RUDOLF KONIG AND GERD NOTHNAGEL.

Application No. 1749/Cal/75 filed September 11, 1975. Convention date May 2, 1975/(18363/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An electrical communications device comprising a housing, transmitter and a receiver, wherein the housing consists of two subsidiary housings which are pivotably connected to one another by means of a hinge centrally at the rear of the housing, wherein each of the two subsidiary housing is L-shaped as seen from a direction which is perpendicular to the hinge axis and is divided by a wall which extends in a plane parallel to the hinge axis and possesses a plurality of chambers for receiving electrical circuit boards arranged in parallel to said wall and wherein one subsidiary housing is provided for the fundamental parts of the transmitter and the other subsidiary housing is provided for the fundamental part of the receiver and wherein each subsidiary housing has electrically plugged in, a receiver-end or transmitter-end radio frequency filter respectively in the recess which is formed by the L-shape of the subsidiary housing.

CLASS 70-A. 143622.

Int. Cl.-B01k 3/00.

CHLORALKALI ELECTROLYSIS CELL EMPLOYING ETHYLENE DIAMINE-MODIFIED MEMBRANES.

Applicant : DIAMOND SHAMROCK CORPORATION, AT 1100 SUPERIOR AVENUE, CLEVELAND, OHIO, U.S.A.

Inventors : ANDREW DANIEL BABINSKY & CHARLES JOSEPH HORA.

Application No. 1934/Cal/75 filed October 8, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawing.

In a chloralkali electrolytic cell comprising a cell container with an inlet for electrlyte and outlet for products and electrolytes and having an anode and cathode disposed therein in spaced apart relationship and separated by a cation-exchange membrane, the improvement wherein said membrane is a flourinated polymer having pendant side chains bearing sulfonyl groups attached to carbons, the cathode facing surface of which has been treated with ethylene diamine whereby a majority of the sulfonyl groups to a depth of 5 to 75 microns has been converted to the form $SO_3NRC_2H_4NRR'$, the remaining sulfonyl groups being in the form SO_3R, wherein R is H, Na, or K and R' is R or $-SO_3-$.

CLASS 70-A. 143623.

Int. Cl.-B01k 3/00.

CHLORALKALI ELECTROLYTIC CELLS EMPLOYING POLYAMINE-MODIFIED MEMBRANES.

Applicant : DIAMOND SHAMROCK CORPORATION, OF 1100 SUPERIOR AVENUE, CLEVELAND, OHIO, U.S.A.

Inventors : CHARLES JOSEPH HORA, & ANDREW DANIEL BABINSKY.

Application No. 1933/Cal/75 filed October 8, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawing.

In a chlor-alkali electrolytic cell comprising a cell container with inlets for electrolyte and outlets for products and electrolyte and having an anode and cathode disposed therein in spaced apart relationship and separated by a cation exchange membrane, the improvement wherein said membrane is fluorinated polymer having pendent side chains bearing sulfonyl groups attached to carbons, the cathode facing surface of which has been treated with a polyamine whereby a majority of the sulfonyl groups to a depth of at least 10 microns has been converted to the form $SO_3NRR'NRR''$ wherein R is H, Na, or K; R' is C_2-C_6 alkylene, Z_2N (R''), or ZN (R'') Z_2N (R''); Z is C_2-C_6 alkylene; and R'' is R or $-SO_3-$.

CLASS 206-I. 143624.

Int. Cl.-H04L 7/00.

SYNCHRONOUS POWER COMMUNICATING APPARATUS FOR CONNECTION BETWEEN A CENTRAL STATION AND REMOTE STATIONS OVER POWER LINE.

Applicant : GENERAL PUBLIC UTILITIES CORPORATION, OF 80, PINE STREET, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Inventors : NEIL HOWARD JAGODA, (2) KLAUS KUBIERESCHKY & ADRIAN GEORGE ROY, JR.

Application No. 2090/Cal/75 filed October 30 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims.

Synchronous power communicating apparatus for communication between a central station and remote stations over power lines that may also carry electrical power at power frequency comprising,

a source of a carirer signal at said central and remote stations in the frequency range between 500 and 30 kHz for carrying digital data,

a source of a digital data signal at said central and remote stations,

means for establishing synchronism between each digital data signal and the electrical power frequency carried by said power lines,

means for modulating a carrier signal with each digital data signal,

means for coupling the modulated carrier signal to said power lines to transmit the modulated carrier signal over the power lines to a receiving means at each location including demodulating means for demodulating the modulated carrier signal to recover the digital data signal carried by the modulated carrier,

means at each location coupling the modulated carrier signal from the power lines to said demodulating means.

means for synchorinizing the demodulating means with the electrical power carried by said power lines for demodulating the modulated carirer signal received at the receiving station to recover the digital data carried by the modulated carrier signal.

the source of a digital data signal at said central location including means for providing a digital signal designating both a particular remote location to transmit a digital data signal to said central location and the data bit rate for transmission thereof that is a subharmonic of or the same as said power frequency.

and means at each remote location responsive to reception of a digital signal from said central location designating that remote location for transmission of a digital data signal to said central location for transmitting a digital data signal to said central location at the designated data bit rate that is a subharmonic of or the same as said power frequency.

CLASS 206-E. 143625.

Int. Cl.-H03k 13/02.

D/A CONVERTER FOR PCM.

Applicant : INTERNATIONAL STANDARD ELECTRIC CORPORATION, OF 320 PARK AVENUE, NEW YORK 22, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor : MICHAEL JOHN GINGELL.

Application No. 2355/Call/75 filed December 18, 1975.

Convention data February 20, 1975 (7157/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A digital-to-analogue converter for a pulse code modulated signal comprising means for increasing the sampling rate of the signal, means for selecting a predetermined number of the most significant bits of each code group of the increased sample rate signal, and means for converting said most significant bits into a pulse stream the mean density of which is proportional to the signal amplitude.

CLASS 25-A. 143626.

Int. Cl.-F27d 1/04.

PROCESS FOR THE MANUFACTURE OF BASIC REFRACTORIES BRICKS.

Applicant : DALMIA INSTITUTE OF SCIENTIFIC & INDUSTRIAL RESEARCH, OF RAJGANGPUR, DIST. SUNDARGARH, ORISSA, INDIA.

Inventors : DR. JAJNYADATTA PANDA & ASHOK KUMAR TRIPATHY.

Application No. 2392/Cal/75 filed December 26, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A process for the manufacture of basic refractory bricks consisting of magnesite, chrome-magnesite or magnesite-chrome bricks which comprises adding 0.5 to 7% by wt. of balst furnace slag containing Al_{203} obtained from iron and steel industry to brick composition consitsing of magnesite, magnesite-chromite grog or chromite-magnesite-grog or a mixture thereof, adding requisite amount of water to the composition, shaping the wet composition into desired shapes and drying the shaped masses at a temperature of 50 500°C.

CLASS 32F, & F_2 & F_3d. 143627.

Int. Cl.-C07d 7/16.

PROCESS FOR THE PREPARATION OF ISOFLAVONE DERIVATIVE.

Applicant : CHINOIN GYOGYSZER ES VEGYESZETI TERMEKEK GYARA RT. OF 1-5, TO UTCA, BUDAPEST IV, HUNGARY.

Inventors : LASZLO FEUER, (2) MIHALY MOGRADI, (3) AGNEZ GOTTSEGEN, (4) BORBALA VERMES, (5) JANOZ STRELISZEKY, (6) ANDRAS WOLFNER, (7) DR. LORANT FARKAS, (8) SANDOR ANTUS & (9) MRS. MARIA KOVACS.

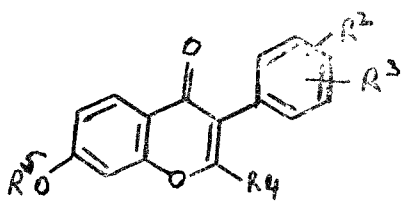
Application No. 98/Cal/76 filed January 17, 1976.

Division of Application No. 1199/Cal/73 filed May 22, 1973.

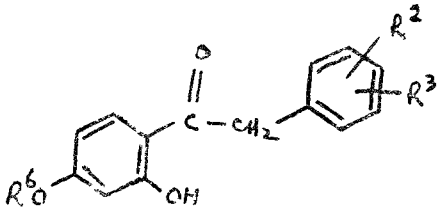
Appropriate office for oppoistion Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Process for the production of compounds of the formula II.



wherin R^2 and R^3 represent hydrogen, and alkoxy halogen, nitro, sulpho or hydroxy group, while R^4 is hydrogen and R^5 is an optionally unsaturated or substituted alkyl group having a carbon chain longer than two carbon atoms, characterised by subjecting ketones of general formula III.



wherein R^6 is hydrogen or a optionally substituted alkyl group or acyl group, to cyclisation in presence of cyclising agents such as herein before described, R^6 group may be converted into an R^5 group by partial or complete alkylation of mono- and poly-hydroxy-insoflavones, respectively.

CLASS 32F, & F_2b. 143628.

Int. Cl.-C07d 99/24.

A PROCESS FOR THE PREPARATION OF 3-THIOLATED-7-ACYLAMIDO-CEPHALOSPORANIC ACID DERIVATIVES.

Applicant : BRISTOL-MYERS COMPANY, AT 345 PARK AVENUE, NEW YORK, UNITED STATES OF AMERICA.

Inventors : DAVID WILLNER & LEONARD BRUCE CRAST, JR.

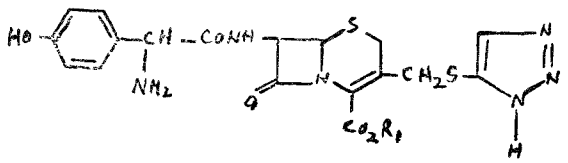
Application No. 384/Cal/76 filed March 4, 1976.

Divison of Application No. 2808/Cal/73 filed December 26, 1973.

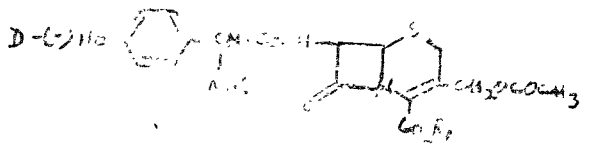
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

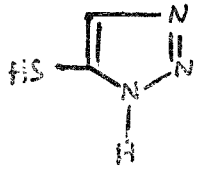
A process for the preparation of a compound having the D-(-)- configuration in the side chain of the formula I.



and pharmaceutically acceptable salts thereof where R_1 is H or easily cleavable esters and the process comprises reacting a compound of the formula II.



or an easily cleavable ester of salt thereof wherein B represents hydrogen or an amino protecting group with a thiol of the formula III.



or a salt thereof to form, if necessary, after removal of the amino protecting group, a compound of formula 1 or an easily cleavable ester or pharmaceutically acceptalbe salt thereof and, if desired, (a) converting by methods known *per se* the product in the form of the free acid or salt thereof to the corresponding easily cleavable ester or pharmaceutically acceptable salts thereof or (b) converting by methods known *per se* the

product to the corresponding free acid compound or pharmaceutically acceptable salt thereof.

CLASS 32F$_1$. 143629.

Int. Cl.-C07c, 101/00.

C07c, 101/72

A PROCESS FOR THE PREPARATION OF D-(-)-2-(p-HYDROXY-PHENYL) GLYCOL CHLORIDE HYDROCHLORIDE.

Applicant : BRISTOL-MYERS COMPANY, AT 345 PARK AVENUE, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Inventors : DAVID WILLNER & LEONARD BRUCE CRAST, JR.

Application No. 385/Cal/76 filed March 4, 1976.

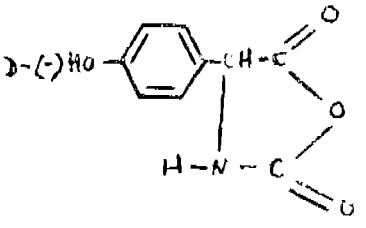
Division of Application No. 2808/Cal/73 filed December 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for the preparation of D-(-)-2-(p-hydroxyphenyl) glycyl chloride hydrochloride; which process comprises the consecutive steps of

(1) reacting D-(-)-2-(p-hydroxyphenyl) glycine with an excess of phosgene with heating in a suitable substantially anhydrous inert organic solvent as defined herein to form in solution the anhydride of the formula II.



(2) removing excess phosgene from the reaction mixture;

(3) adding an excess of HCl gas to the cooled reaction mixture;

(4) recovering the desired D-(-)-2-(p-hydroxyphenyl) glycyl chloride hydrochloride.

CLASS E$_4$ & B. 187E$_6$. 143630.

Int. Cl.-H04m 1/00; 1/38.

DEVICE FOR DELAYING THE PULSE CONTACT OPENING IN THE TELEPHONE.

Applicant : INTERNATIONAL STANDARD ELECTRIC CORPORATION, OF 320 PARK AVENUE, NEW YORK 22, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor : ANGELO MANZONI.

Application No. 391/Cal/76 filed March 4, 1976.

Divison of Application No. 2755/Cal/73 filed December 18, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A device arranged to open and close the pulse contacts in telephone dials, which includes a fork member having two concentric rings spaced from and parallel to one another, and a cross member and two parallel arms which together form a U-shaped portion with the ends of the arms each merged into one of the said rings, wherein the said cross member normal to said two arms extends on one side beyond one arm of the said fork member to a movable column which is rhomb-like in cross section, and wherin a diagonal of the rhomb is parallel to the said adjacent arm, the said column being moved by and rigid with the said fork member.

CLASS 172D, & F. 143631.

Int. Cl.-D01h 5/00; D02g 3/40.

METHOD FOR THE MANUFACTURE OF TWISTLESS OR SUBSTANTIALLY TWISTLESS YARN AND THE YARN OBTAINED BY THIS METHOD.

Applicant : HOLLANDSE SIGNAALAPPARATEN B. V. OF ZUIDELIJKE HAVENWEG 40, HENGELO (O), THE NETHERLANDS.

Inventor : JACOBUS MAURITS VAN DORT.

Application No. 517/Cal/76 filed March 24, 1976.

Appropriate office for oppoistion Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

Method for the manufacture of twistless or substantially twistless yarn from a sliver or a roving, consisting of staple fibre material, whereby the sliver or the roving is wetted and drafted in a wet condition to form a thinner fibre strand, which is subsequently false twisted and bonded, wherein the wetting of the sliver or the roving is realised by a liquid mixture containing a latent solvent for at least a portion of the staple fibre material, the bonding of the fibre stand by activation of the latent solvent under an increased temperature, and drying of the fibre strand under evaporaion of the solvent.

CLASS 55E$_6$. 143632.

Int. Cl.-C07c 13/04.

SYNTHESIS PROSTAGLANDINS.

Applicant : IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1 P 3JF, ENGLAND.

Inventor : GRAHAM ERNEST ROBINSON.

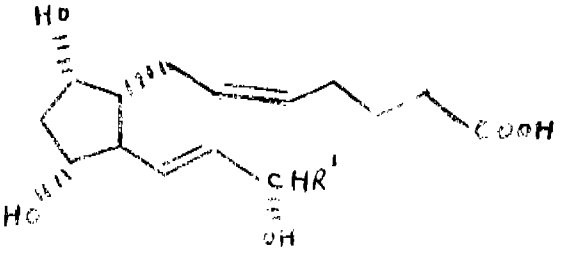
Application No. 1153/Cal/76 filed 29th June, 1976.

Convention date July 30, 1975 (31928/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

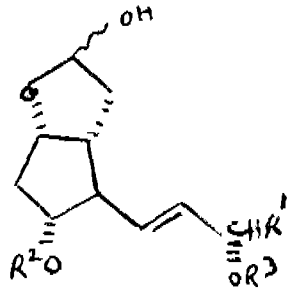
11 Claims.

A process for the manufacture of a prostaglandin or prostaglandin-like compound of the formula IV.



wherin R^1 is C-16 and onwards of a known prostaglandin or prostaglanding-like compound described in the chemical

literature, characterised by the reaction of a lactol of the formula VIII.



wherein R^1 has the meaning stated above, R^2 is a tetrahydropyran-2-yl radical, or a tri (C_{1-4} alkyl) silyl, tribenzylsilyl or triphenylsilyl radical, and R^3 is a hydrogen atom, a tetrahydropyran -2-yl radical or a tri (C_{1-4} alkyl) silyl, tribenzylsilyl or triphenylsilyl radical, provided that R^2 and R^3 are not both tetrahydropyran-2-yl radicals, with a (4-carboxybutyl) triphenylphosphonium salt in the presence of a strong base, whereafter the reaction product is isolated under acidic conditions.

CLASS 32F$_2$b. 143633.

Int. Cl.-C07d 99/14.

PROCESS FOR THE PREPARATION OF ACYLATED 6 AMINO-2, 2-DIMETHYL-3-(5-TETRAZOLYL) PENAMS.

Applicant : PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

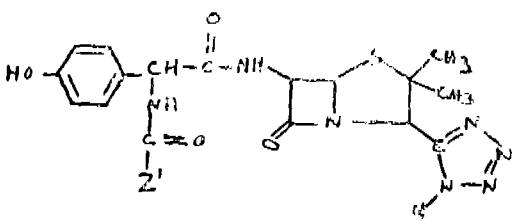
Inventor : WAYNE ERNEST BARTH.

Application No. 1410/Cal/76 filed August 5, 1976.

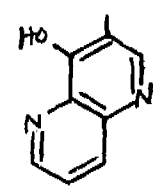
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

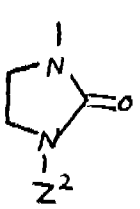
11 Claims.

A process for the production of a compound of the formula II.

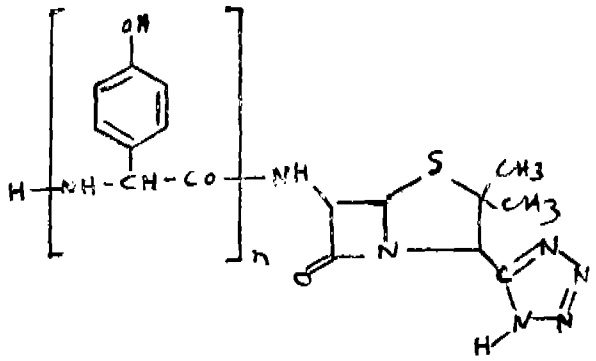


wherin Z^1 is selected from the group consitsing of the formulae shown in Figs. 1 and 2.

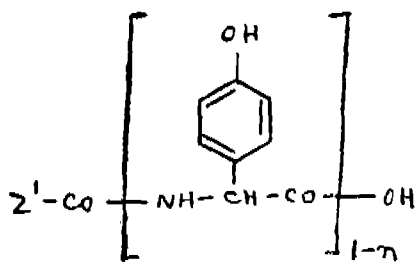




wherein Z^2 is selected from the group consisting of hydrogen alkanoyl having from two to four carbon atoms and alkylsulfonyl having from one to three carbon atoms, or a pharmaceutically-acceptable salt thereof, which comprises acylation of an amine of the formula shown in Fig. 6.



or a tetrazolyl protected derivative thereof, with anactivated derivative of a carboxylic acid of the formula shown in Fig. 7.



wherein n is 1 or O and if required removing the tetrazolyl protecting group and if desired, converting the product into a pharmaceutically acceptable salt.

CLASS 126A & 146C. 143634.

Int. Cl.-G01b 7/32; 19/30;

11/28; 19/58.

IMPROVED MACHINE FOR MEASURING SURFACE AREA OF SHEET MATERIAL OF ANY SHAPE AND DIMENSION.

Applicant : BINNY LIMITED, OF 7, ARMENIAN STREET, MADRAS-600001, TAMIL NADU, INDIA.

Inventor : MANNARGUDI SRINIVASA RAMACHANDRAN.

Application No. 180/Mas/74 filed December 3, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

20 Claims.

An improved machine for measuring surface area, of any shapes and dimensions, of sheet material, such as herein described, comprising two sets of feed rollers for feeding the material, whose surface area is to be measured, in a feed path, an optical scanning head assembly, disposed below the feed path of the material, the said scanning head assembly including a rotatable circular hollow scanning head having four radially projected tubes on its periphery which tubes are equi-angularily spaced at an interval of 90°, each of said tubes having a small orifice at its free end, said optical scanning head assembly being so disposed in relation to the said feed path that the area to be measured of the material is divided in the longitudinal direction of the material, as it is fed, into a number of equal strips by continuous optical scanning, and said tubes on the scanning head assembly receiving through the orifice a beam of light from a light source disposed above the feed path of the material, such that one or more, photoelectric transducer(s), located centrally of said rotatable scanning, head, is (are) operate dto generate control pulses, where pulse width in time domain represents the average width of the material being measured, per scan or

per strip height, that is, in equal longitudinal distance traversed by the material in between the commencement of the two scans wherever the rays of light are being blocked due to the presence of the material to be measured, in said feed path between the said light source and said optical scanning head assembly means for generating count pulses, which are usually of higher frequency than that of the control pulses and each of which count pulses has direct relation to the minimum unit area of the material being measured, an AND logic gate into which series of the said count pulses and the said control pulses are fed and which logic gate generates output pulses only for the period represented by the said control pulses and also when both said control and count pulses are present, and a digital counter displaying the numerical value of the said output pulses representing the total area of the material being measured, in desired square units.

CLASS 172-D_3 & 4. 143635.

Int. Cl.-D01h 1/00.

AN OPEN-END SPINNING MACHINE INCORPORATING A MOVABLE PIECING-UP APPARATUS.

Applicants & Inventors : FRITZ STAHLECKER, JOSEF-NEIDHART-STRASSE 18, D-7341 BAD UEBERKINGEN, WEST GERMANY; & HANS STAHLECKER HALDEN-STRASSE 20, D17334 SUESSEX, WEST GERMANY.

Application No. 51/Bom/75 filed February 28, 1975.

Convention date Decemebr 6, 1974 (52887/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

24 Claims.

An open-end spinning machine comprising a plurality of juxtaposed spinning units, each spinning unit including means for feeding fibrous material to a spinning rotor, means for drawings off a spun thread through a yarn removal channel and a winding roller for driving a yarn receiving bobbin said spinning machine also having a piecing-up apparatus adapted to travel along said spinning machine to a spinning unit at which piecing-up is to be carried out, wherein the piecing-up apparatus comprises means for lifting a bobbin away from the winding roller, a pair of clamping rollers and a movable suction nozzle, said nozzle serving to remove an end of a thread from the bobbin and to insert said thread between said clamping rollers, one of which is driven to rotate the other, and into the region of a thread trimming means of the piecing-up apparatus, the piecing-up apparatus also comprising a transfer clamp having means by which the transfer clamp is movable between the region of the trimming means and the yarn removal chanel to introduce the end of the said thread into the fibres to be spun.

CLASS 32F_3C. 143636.

Int. Cl.-C07c 31/00.

RECOVERY OF FIBRE GRADE GLYCOLS FROM GLYCOL BLEED.

Applicant : NATIONAL ORGANIC CHEMICAL INDUSTRIES LIMITED, MAFATLAL CENTRE, NARIMAN POINT, BOMBAY-1 (BR), MAHARASHTRA, INDIA.

Inventors : SUNDER RAMAN GOPAL KRISHNAN, (2) KRISHNA DOULATRAO AMRE, & MADHAV CHINTAMAN PATWARDHAN.

Application No. 187/Bom/75 filed July 11, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims.

Method for the recovery of glycols from aqueous glycol bleeds in which the said bleed is passed through beds having (1) a strongly acidic cation exchange resin, (2) a strongly basic anion exchange resin and/or through a mixed bed of the said cation and anion exchange resins separately or in series recovering thereby fibre grade glycols, the said ion exchange beds adapted for regeneration as herein described the cation exchange resin bed operating in an acid cycle and the anion exchange resin bed in an alkali cycle as in methods known per se.

CLASS 128A. 143637.

Int. Cl.-A61f 13/02.

HARDENABLE SHEET MATERIALS-SUITABLE FOR SURGICAL SPLINTING.

Applicant : NATIONAL RESEARCH DEVELOPMENT CORPORATION, OF 66-74, VICTORIA STREET, LONDON SW1, ENGLAND.

Inventor : ROBERT SYDNEY RICHARD PARKER.

Application No. 2596/Cal/74 filed November 22, 1974.

Convention date November 29, 1973/(55471/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims. No drawings.

A water-hardenable sheet material comprising a flexible web having deposited thereon an intimate mixture of a water soluble poly (carboxylic acid) or a precursor thereof and an ion-leachable inorganic particulate material.

CLASS 55D_3 & F. 143638.

Int. Cl.-A01n 5/00.

METHOD OF MAKING A PLANT GROWTH REGULANT COMPOSITION.

Applicant : THE MALALSIAN RUBBER PRODUCERS' RESEARCH ASSOCIATION, OF 19, BUCKINGHAM STREET, LONDON, W.C. 2, ENGLAND.

Inventor : PHILIP BARRY DICKENSON.

Application No. 2720/Cal/74 filed December 11, 1974.

Convention date December 21, 1973/(59495/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims. No drawings.

A method of making a plant growth regulant composition which comprises releasably absorbing a volatile or gaseous plant growth regulant compound (as herein described) on the surface of a particulate solid adsorbent and mixing this solid adsorbent with adsorbed regulant with an aliphatic or aromatic carboxylic acid or anhydride and/or dimethylsulphoxide and/or glycerol as an agent to assist assimilation of the regulant by the plant.

CLASS 22 & 99F. 143639.

Int. Cl.-B65d 1/02.

THERMOPLASTIC BOTTLE WITH CONTROLLED LATERAL COLLAPSE AND METHOD OF DISPENSING LIQUID THEREFROM.

Applicant : AMERICAN HOSPITAL SUPPLY CORPORATION, AT 1740 RIDGE AVENUE, EVANSTON, ILLINOIS 60204, UNITED STATES OF AMERICA.

Inventor : CHARLES JOSEPH MCPHEE.

Application No. 2874/Cal/74 filed December 28, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A liquid dispensing bottle that has a base, a shoulder with a dispensing outlet, and a tubular wall with longitudinal columnar rigidity for supporting the bottle upright and limited lateral flexibility for partial, but not total, collapse of the bottle to a reduced volume capacity, and the bottle is adopted to contain a measured amount of liquid and an amount of gas above the liquid, which liquid occupies 50% to 95% of the

bottle's uncollapsed capacity and which gas has a volume at dispensing pressures and temperatures that is equal to or greater than the reduced volume capacity of the bottle, whereby substantially all the liquid can drain from the bottle without inletting any additional gas into the bottle.

CLASS 127G. 143640.

Int. Cl.-F16h 25/00.

INTERMITTENT ROTARY MECHANISM.

Applicant & Inventor : YUAN HO LEE, OF 85, JEN HO ROAD, TAINAN, TAIWAN, REPUBLIC OF CHINA.

Application No. 292/Cal/75 filed February 15, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A high-speed intermittent rotary mechanism, characterised in the constitution of a revolving wheel train connected by two pairs of gears at an equal center-to-center distance between a driving shaft and a driven shaft, at least one pair of said two pairs of gears being cam gears, making the revolving wheel train to produce a differential speed through the variation of meshing distance of a pair of gears, whereupon an intermittent rotary movement of a pre-determined pitch is obtained from the intermittent dwell-and-moving of the driven shaft.

CLASS 47C & 84A & 88D. 143641.

Int. Cl.-C10b 57/20.

METHOD OF PROCESSING COAL CHANNELS IN UNDERGROUND COAL GAS IF I-CATION.

Applicant : VSESOJUZNY NAUCHNO-ISSLED OVATEL-SKY INSTITUT ISPOLZOVANIA GAZA V NARODNOM KHOZYAISTVE. PODZEMNOGO KHRANENIA NEFTI, MEFTEPRODUKTOV I SZHIZHENNYKH GAZOV "VNII-PROMGAZ", B. SERPUKHOVSKAYA ULITSA 10, MOSCOW, USSR.

Inventor : EFIM VULFOVICH KREININ.

Application No. 1834/Cal/75 filed September 24, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

In a method of processing coal channels in underground gasification of coals, particularly when processing bored coal channels during the period when an underground gas generator is put into operation, wherein a substantial amount of air is forced through air blow wells into the zone of coal seam gasification, then hot gases from this zone are taken away through the coal channels being processed and gas discharging wells, an improvement consisting in determining the magnitude of the hydrostatic column of underground waters above the air forcing horizon, adjusting the outlet section of said gas discharging wells to maintain a pressure in the coal channels being processed at a level not less than that of said hydrostatic column of underground waters and wherein the temperature in the coal channel is raised at a high rate from 90°C to 100°C per hour by controlling the flow of hot gases thus raising the temperature in the coal channels being processed to above 500°C.

CLASS 103. 143642.

Int. Cl.-C23f 11/14.

A METHOD OF PRESERVING AND PROTECTING STEEL OBJECT FROM CORROSION.

Applicant : BASF FARBEN & FASERN AG. OF D-2000, HAMBURG 30, AM NEW MARKT, FEDERAL REPUBLIC OF GERMANY.

Inventors : DR. RUDIGER PANTZER, AND DR. JOSEF RUF.

Application No. 3/Cal/76 filed January 1, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawing.

A method of preserving and protecting a steel object from corrosion which comprises applying of said object a layer of a coating composition capable of inhibiting corrosion of steel coated therewith, with composition essentially consisting of a vehicle including a film-forming organic material and volatile liquid solvent medium, and an effective amount of at least one corrosion inhibiting compound selected from the group consisting of zinc and lead salts of 5-nitroisophthalic acid and mononitroterephtha acid and volatilizing said solvent medium.

CLASS 128-I. 143643.

Int. Cl.-A61m 16/00.

A RESPIRATOR.

Applicant & Inventor : JUGAL KUMAR PAUL, OF 17-A/41, W.E.A., GURDWARA ROAD, NEW DELHI-110005, INDIA.

Application No. 243/Cal/76 filed February 10, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

A respirator having means for controlling the passage of gas and/or air therein, said respirator being of the type described in Patent Specification No. 138610 characterized in an auxiliary housing having an inlet connected to the outlet of said valve housing of the respirator, a diaphragm supported within said chamber, one end of a spring loaded rod held to said diaphragm, the opposite end of said diaphragm extending beyond said housing and carrying an actuator arm adapted to cooperate with a corresponding actuator arm provided with the sleeve valve.

CLASS 180. 143644.

Int. Cl.-F24b 1/08.

KEROSENE WICK STOVE.

Applicant & Inventor : DR. RAJ KUMAR GUPTA AND ASHOK KUMAR MEHTA, BOTH OF 17 CAMAC STREET, CALCUTTA-700017, WEST BENGAL, INDIA.

Application No. 191/Cal/77 filed February 10, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A kerosene wick stove comprising a tank for storage of kerosene, a plurality of wick pipes mounted on and communicating with said tank, each of said pipes adapted to have a wick extending therethrough, an inner and outer burner sleeve supported on said pipes characterized in that a stand consisting of a plurality of rigid legs held at the upper end to an upper ring and at the lower end to a base ring, said tank supported on said base ring, a groove provided at least at the upper end of said legs, slits provided in said ring and in correspondence with said grooves, an outer burner casing having a plurality of radially arms extending therefrom adapted to be held within said slots.

CLASS 180. 143645.

Int. Cl.-F24b 1/08.

KEROSENE WICK STOVE.

Applicant & Inventor : DR. RAJ KUMAR GUPTA AND ASHOK KUMAR MEHTA, BOTH OF 17, CAMAC STREET, CALCUTTA-700017, WEST BENGAL, INDIA.

Application Nof. 1307/Cal/77 filed August 22, 1977.

Division of Application No. 191/Cal/77 filed February 10, 1977.

Appropriate office ofr opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A kerosene wick stove comprising a tank, for storage of kerosene a plurality of wick pipes mounted on and in communication with said tank, each of said pipes having a wick extending therethrough, an inner and outer burner sleeve supported on said pipes, an outer burner casing provided in conjunction with said burner sleeves characterized in that a preheater disposed in a spaced relationship to said tank and consisting of a plate supported by said pipes and having a plurality of openings for the flow of primary air therethrough and such that the flow area of said openings provides an optimal heat utilization.

CLASS 180. 143646.

Int. Cl.-F24b 1/08.

KEROSENE WICK STOVE.

Applicant & Inventor : DR. RAJ KUMAR GUPTA AND ASHOK KUMAR MEHTA, BOTH OF 17, CAMAC STREET, CALCUTTA-700017, WEST BENGAL, INDIA.

Application No. 1308/Cal/77 filed August 22, 1977.

Division of Application No. 191/Cal/77 filed February 10, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A kerosene wick stove comprising a tank adapted to store kerosene therein, a plurality of wick pipes mounted on and in communication with said tank, each of said pipes having a wick extending therethrough, an inner and outer burner sleeves supported on said pipes, an outer burner casing provided in conjunction with said burner sleeves, characterized in that a wick actuator assembly for raising or lowering of said wicks and which comprises a lever having a plurality of serrations on a first part thereof, said serrations adapted to coact against a resilient plate or spring, one end of said lever being stationary and held to the storage tank, a wick carrier plate held to said lever.

CLASS 27-I. 143647.

Int. Cl.-E02d 31/00.

METHOD OF FORMING A GLASS FIBRE REINFORCED UNSATURATED POLYESTER RES IN (GRP) SHEET ON A GROUND SURFACE.

Applicant : THE BRITISH PETROLEUM COMPANY LIMITED, OF BRITANNIC HOUSE, MOOR LANE, LONDON, EC2Y 9BU, ENGLAND.

Inventor : JOSEPH EDWARD BARRETT.

Application No. 2661/Cal/74 filed December 2, 1974.

Convention date December 12, 1973/(57472/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A method for forming a glass fiber reinforced unsaturated polyster resin (GRP) sheet on a ground surface which comprises covering the surface with a membrane which is sufficiently flexible to conform to the contours of the ground surface under the force of the sprayed glass fibers and resin, arranging a flexible sheet mesh structure on the membrane, said structure having a thickness less than the desired thickness of the GRP sheet but of sufficient thickness to prevent drainage of said polyster resin from a sloping ground surface, and applying glass fibers and unsaturated polyester resin onto the membrane/mesh structure to the desired thickness using the thickness, color and visual appearance of acid mesh structure to gauge the thickness of said GRP sheet.

CLASS 97B. 143648.

Int. Cl.-B01k 3/02.

DEVICE FOR MOULDING "GREEN" BLOCKS OR ELECTRODES FOR THE MANUFACTURE OF ANODE AND CATHODE CARBONS FOR THE SMELTING INDUSTRIES.

Applicant : A/S ARDAL OG SUNNDAL VERK, OF SORKEDALSVEIEN 6, OSLO 3, NORWAY.

Inventor : ROLF BLINDHEIM.

Application No. 328/Cal/75 filed February 20, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A device for moulding "green" blocks or electrodes for the manufacture of anode and cathode carbons for the smelting industries, with particular reference to the electrolytic smelting of aluminium utilizing a vibratory or shaking motion, in which the paste which is to form the said blocks or electrodes is filled into a mould comprising a plane, horizontal base or table, vertical walls or sides of which at least one is removable to facilitate the ejection or discharging of the finished blocks, and a pressure weight slidable in vertical guides, the downward-facing surface of which weight covering essentially the whole of the cross section of the mould, characterized in that on the weight, and only on this, there is disposed at least one vibration generator, in that the base is stationary, and in that the walls or sides of the mould are so arranged as to be firmly fixed to the base during the moulding process.

CLASS $32F_8c$. 143649.

Int. Cl.-C07c 169/60.

A PROCESS FOR THE PREPARATION OF CHOLESTEROL FROM THE BRAINS OF GOAT, SHEEP AND BUFFALO.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.
Inventors : VIKASH CHANDRA PANDEY AND VARANASI KRISHNA MOHAN RAO.

Application No. 1700/Cal/76 filed September 15, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims. No drawings.

A process for the preparation of pure chlesterol free from phospholipids from the brains of various animals like goat, sheep and buffalo which comprises drying the claened brains of the animals collected within 3 to 4 hours of slaughtering of the animals at 70° ± 5°C for 48 hours followed by extraction of tiny pieces of dried brains with ethylacetate for 20 hours at 5°C ± 3°C and distillation of the solvent from the ethylacetate extract and crystallization of the pure cholesterol from the residue from methanol or ethanol.

CLASS $32F_1$. 143650.

Int. Cl.-C07c 19/02.

AN IMPROVED PROCESS FOR THE PRODUCTION OF 1, 2-DICHLOROETHANE.

Applicant : STAUFFER CHEMICAL COMPANY, OF WESTPORT, CONNECTICUT 06880, UNITED STATES OF AMERICA.

Inventors : RAMSEY GORDON CAMPBELL AND WENDELL EUGENE KNOSHAUG.

Application No. 2071/Cal/76 filed November 18, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

In a process for production of 1, 2-dichloroethane by chlorination of ethylene with chlorine in a liquid medium comprising 1, 2-dichloroethane at a temperature of between about 85°C and about 160°C, and in which a stream of 1, 2-dichloroethane

containing a minor amount of chloroprene as an impurity is available for introduction into the ethylene chlorination reaction zone, the improvement whereby introduction of chloroprene and/or chlorinated derivatives thereof into the ethylene chlorination eraction zone is avoided, comprising :

(a) Subejcting the stream of 1, 2-dichloroethane to a controlled chlorination by contacting it with a chlorination agent in such manner and under such conditions as to partially chlorinate the chloroprene therein to produce one or more further chlorinated derivatives thereof;

(b) separating said further chlorinated derivatives of chloroprene from the 1, 2-dichloroethane; and

(c) introducing the 1, 2-dichloroethane substantially free of chloroprene or chlorinated derivatives thereof into the ethylene chlorination reaction zone.

CLASS $172C_1$. 143651.

Int. Cl.-D01g 15/40.

A DIRECT FEED TANDEM CARDING DEVICE.

Applicant : MARATHE RESEARCH FOUNDATION, AT PLOT NO.C-3. INDUSTRIAL ESTATE MIRAJ, DISTRICT, SANGLI, MAHARASHTRA, INDIA.

Inventor : ANANT BALWANT MARATHE.

Application No. 110/Bom/75 filed April 18, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

12 Claims.

A direct feed tandem carding device consisting of a combination of (i) a rear and a front carding engine each carrying a large cylinder operated by an independent prime mover through a belt or chain drive; (ii) said cylinder of rear card provided with a doffer and associated mechanical assembly; (iii) said front carding engine carrying a doffer comb and a pair of take-up rollers driven by a chain drive; (iv) each of said cylinders of said rear and front card respectvely carrying a licker in roller and the feeding end; (v) said two card engines being connected to each other by means of a web guide placed below the web delivered by said rear card engine; (vi) means provided for transmitting drive from rear doffer to take-up rollers; (vii) means provided for driving the bottom of take-up roller of front card engine; and (viii) each of said rear and front cards being provided with a crank and lever means provided for stopping simultaneously the motion of respective cards; the arrangements being such that the doffer comb assembly removing the web of cotton of the like material from the rear card and delivers it to the front card in its full width and is taken up by the nip of a pair of take-up rollers and delivered into the licker-in of the front card and the carding operation is carried out.

CLASS 28A. 143652.

Int. Cl.-F23d 11/00.

A PRESSURE STOVE BURNER.

Applicant & Inventor : BHASKAR PREM MITRA, OF 23, VAHATUK NAGAR, FAZILPURA, AURANGABAD, MAHARASHTRA, INDIA.

Application No. 4/Bom/75 filed January 4, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims.

A pressure stove burner comprising of a single pipe prepared in the shape of a spiral, one end of the said pipe being welded or otherwise rigidly connected to the burner nut and the other end provided with an opening for the nipple, and conventional means such as a cup provided to heat the upper curve of the spiral.

CLASS 35B. 143653.

Int. Cl.-C04b 7/02.

PROCESS FOR THE MANUFACTURE OF PORTLAND CENMEN CONTAINING ACTIVATED BELITE FROM RAW MATERIALS NORMALLY CONSIDERED AS LOW GRADE LINE STONE MATERIALS.

Applicant : THE ASSOCIATED CEMENT COMPANIES LIMITED, CENTRAL RESEARCH STATION, SHASTRI MARG, THANA 400604, MAHARASHTRA STATE, INDIA.

Inventors : SHRI VISHWNATH NARAYAN PAI AND SHRI VANGAL RAMASWAMY GOPALA SRINIVASAN.

Application No. 145/Bom/75 filed May 30, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

7 Claims. No drawings.

A process for the manufacture of portland cement from low grade limestone materials, which comprises the steps of performing or compacting a raw mix containing calcareous materials like low grade limestone and potash containig clay or similar minerals as herein described into desired shapes, burning the raw mix in two distinct stages, viz. decarbonaton followed by a very rapid heating to clinkering temperature cooling the burnt material and grinding the same with gypsum to fine powder so that the resultant cement has a preponderant proportion of belite in an activated state and slite is present only in small proportion.

CLASS 5D & 92D & 201D. 143654.

Int. Cl.-A01c 1/00, C02b 1/00.

THE INSTRUMENT FOR THE SEED/WATER FORTIFICATION BY MAGNET.

Applicant & Inventor : SHANKAR RAMCHANDRA UMALE, STATE BANK COLONY-4, Q. NO. 18, JAWAHAR NAGAR, AKOLA (C. RLY.), MAHARASHTRA STATE (INDIA).

Application No. 309/Bom/75 filed October 31, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims.

The instrument for the seed/water fortification by magnets comprising a tower like container having a hopper at the top and suitable out-lets in the bottom; there being provided a vertical and closed chamber in which there are fixedly mounted pairs of plurality of magnets such that in one pair if north poler of both the magnets face each other, in its lower pair the magnets with south poles will face each other, below that again pair with north poles will face each other, and the sequence is carried out till the bottom of the said closed chamber, the said magnets are mounted on plates on a vertical axis, a small electric motor having a regulator rotates the vertical axis carrying the said pairs of magnets slowly; seed

or water is poured from the top through hopper while keeping the lower out-lets closed, such that the said tower always remains filled with grain or water and replenished at the rate at which they are emptied from opening below.

CLASS 61A & K & 92A & J. 143655.

Int. Cl.-F26b 17/18, A23b 9/00.

A GRAIN DRIER.

Applicant : CHOCKALINGAM MURUGESAN, NO. 3/1 HARRINGTON ROAD, CHETPUT, MADRAS-600031, TAMIL NADU, INDIA AND SHAW WALLACE & CO. LTD, NO. 7, LINGHI CHETTY STREET, MADRAS-600001, TAMIL NADU, INDIA.

Inventor : ARULANANDAM PILLAI SELVARAJ.

Application No. 179/Mas/74 filed December 2, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

4 Claims.

A grain drier comprising in combination at least one drum provided internally with a screw conveyor for conveying grain fed into the drum at one of its ends to its other end for being discharged threat; a blower and a furnace, the blower drawing hot air from within the furnace and blowing the same into the drum; means for driving the screw conveyor and the blower; and a frame on which all the aforementioned components are compactly mounted, the frame being supported on wheels and provided with a handle for enabling the said drier to be conveniently trundled about.

CLASS $145E_a$. 143656.

Int. Cl.-B28d 1/32.

A METHOD FOR THE PREPARATION OF PULP FROM MICA AND OTHER LIKE CLEAVABLE.

Applicant & Inventor : BHOJANALA KRISHNAMOORTHY, C/O. BHARAT HEAVY ELECTRICALS LIMITED, "VANI NILAYAM", SEBASTIAN ROAD, SECUNDERABAD, ANDHRA PRADESH, INDIA.

Application No. 81/Mas/75 filed May 20, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

8 Claims. No drawings.

A process for the manufacture of pulp from mica, comprising heating mica to a temperature of about 850°C followed by quenching the mica in a solution of alkali bi-arbonate, boiling the bi-carbonate containing the mica to dissociation temperatures of the bi-carbonate to release carbondioxide in the system, the liberated gas acting between the layers of mica by exerting pressure and thereby loosening the bonding of mica layers, whereafter the loosend mica is subjected to splitting of the layers to give a crumbled mass conventioned methods and then converting the crumbled mass to a pulp in the conventional manner.

CLASS 33D. 143657.

Int. Cl.-B22d 41/00.

IMPROVEMENTS IN OR RELATING TO THE POURING OF METALS.

Applicant : FLOGATES LIMITED, OF SAND IRON HOUSE, BEAUCHIEF, SHEFFIELD S7 2RA, YORKSHIRE, ENGLAND.

Inventor : JOSEPH WILLIAM CUDBY.

Application No. 2567/Cal/74 filed November 20, 1974.

Convention date November 23, 1973/(54418/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A sliding gate member adapted for use in the puring of metals and for sliding movement to open and close an orifice through which orifice metal is arranged to flow when the sliding gate member is in use, the sliding gate member comprising (a) a refractory body in which is provided a nozzle having a side wall portion of permeable refractory material, and (b) an inlet arranged for the supply of gas for passage through the permeable side wall portion into the nozzle.

CLASS 33D. 143658.

Int. Cl.-B22d 41/00.

IMPROVEMENTS IN OR RELATING TO THE POURING OF MOLTEN METALS.

Applicant : FLOGATES LIMITED, OF SANDIRON HOUSE, BEAUCHIEF, SHEFFIELD, S7 2RA, ENGLAND.

Inventors : ROBERT DUNCAN HIND AND JEFFREY HILL.

Application No. 61/Cal/75 filed January 10, 1975.

Convention date January 16, 1974/(02130/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

31 Claims.

A sliding plate for a sliding gate valve, wherein means fastened to the plate provides an apertured nozzle mounting protruding from the underside of the plate and a discharge nozzle tube depends therefrom, the nozzle tube is cemented into a metal sleeve encircling the tube, and securing means fastens the metal sleeve and the nozzle mounting together such that an end of the nozzle tube is held directly abutting the underside of the sliding plate, the securing means being releasable to allow the nozzle tube to be removed from the late from underneath for replacement of the nozzle tube.

OPPOSITION PROCEEDINGS

An opposition has been entered by Lifting Equipments & Accessories to the grant of a patent on application No. 142229 made by Onkar Banerjee.

OPPOSITION PROCEEDINGS

An opposition has been entered by Pulling & Lifting Machines Private Limited to the grant of a Patent on application No. 142229 made by Onkar Banerjee.

PATENTS SEALED

140388 140910 141128 141187 141194 141240 141242 141265 141276 141278 141285 141296 141318 141349 141355 141358 141368 141370 141384 141388 141391 141473 141479 141497 141498 141526 141532 141548 141569 141570 141590 141603 141628 141630 141644 141661 141668 141711 141835

COMMERCIAL WORKING OF PATENTED INVENTIONS

List No. VII

The following patents in the field of Chemical Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970, in respect of Calendar year 1976 generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purposes.

Sl. No.	Patent No.	Date of Patent	Name & address of the Patentee	Brief title of the invention
1	2		4	5
1.	135550	11-8-1970	I.C.I. Ltd., Imperial Chemical House, Millbank, London, SW. 1.	Olefin polymerisation.
2.	135551	27-4-1972	Universal Oil Products Co, No 10 UoP Plaza Algonquin & Mt Prospekt Rds, Des Plaines, Illinois, USA.	Steam reforming of hydrocarbons.
3.	135560	23-8-1972	Solvay & Cie, Rue du Prince Albert 33, B-1050, Brusells.	Recovery of synthetic fibrils.
3.	135564	3-5-1972	Dr. Beck & Co AG, 2000 Hamburg 28, Eislensweg, 5-11, Federal Republic of Germany.	Polymers containing amide & imide groups.
5.	135581	14-10-1971	The Mead Corpn, Talbalt Tower, Dayton, Ohio 45402, USA.	Apparatus for conducting chemical reactions between fluid reactants.
6.	135582	9-3-1971	Foster Grant Co Inc, 289 North Main Str, Leominstor, Massachusetts, USA.	Catalytic hydrocracking.
7.	135586	28-4-1972	Chief Scientist R & D Organisation, Ministry of Defence, Govt of India, New Delhi.	Composition for inhibiting the bacterial & fungus growth.
8.	135589	2-6-1972	Dr. Artos Meier W.K.G. Co., 2 Hamburg 1, Heiden Kanpaweg 66, Federal Republic of Germany.	Finishing treatment of textile webs in fluids
9.	135596	17-3-1971	Eli Lilly & Co, 307 East McCarty Str, Indianapolis, Indiana, USA.	Preparing 1-substituted-2-(1, 1-diffluroalkyl) 1H-imidazo (4, 5,-b) pyridine compounds.
10.	135613	30-8-1972	Shell Internationale Research Maatschappij B.V. 30 Carel Van Bylandtlaan, Hague, Netherlands.	Removal of soot & sulphur compounds from the crude gas generated by the partial combustion of and carbonaceous fuels.
11.	135618	26-9-1972	Chief Scientist R & D Organisation, Ministry of Defence, Govt of India, N. Delhi.	Inhibitor for petro. pipelines.
12.	135619	7-6-1972	Labaz, 39 Avenue, Pierre Ier de Serbie, 75008, Paris.	Preparing benzo (b) thiophens derivatives.
13.	135629	23-5-1972	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Water insoluble monoazo dyestuff.
14.	135630	27-6-1972	Do.	N-alkyl-carbazoles.
15.	135634	6-6-1972	Societe Miniere et Metallurgique de Penarroya, 1, Blvd de Vaugirard, Paris	Improved reactor for the production of lead oxide with a high free lead content.
16.	135636	16-5-1972	Agfa Geavert N.V., Septestraat 27, 2510, Mortsel Belgium.	Semicontinuous preparation of high molecular weight linear polystor.
17.	135639	2-8-1972	The Rubber Research Institute of Malaya, 3rd Mile Ampang Rd, Kulalumpur, Malaya.	Removing protein from natural rubber.

1	2	3	4	5
18.	135644	20-6-1972	Creusot-Loire, 5, rue de Monttessuy, Paris 70.	Refining an alloy steel containing chromium.
19.	135645	24-5-1972	Do.	Production of refractory wall during use.
20.	135653	16-9-1971	Texaco Development Corpn, 135 East 42nd Str, New York, 17.	Catalytic cracking of naphtha and gas oil.
21.	135654	17-8-1972	Bayer AG, Leverkusen, Federal Republic of Germany.	Agglomeration of rubber chemicals.
22.	135678	20-4-1972	Do.	N-trityl-imidazole.
23.	135681	4-7-1972	Airco Inc, 150 East 42nd Str, New York.	Separation of halogenated alkyl ethers by azeotrotpic distillation.
24.	135682	1-11-1972	Richtor Gedeon Vegyeszeti Gyar RT, 21 Gyomroi ut, Budapest X, Hungary.	New eburnamine alkalids.
25.	135692	5-5-1972	Shell Internationale Research Maatschappij B.V., 30 Carel Van Bylandtlaan Hague, Netherlands.	Gas mixtures containing carbon monoxide & hydrogen by the partial combustion of a fuel in a reaction operated at a relatively low pressure.
26.	135702	27-4-1972	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Pigment preparation.
27.	135706	2-5-1972	I.C.I. Ltd., Imperial Chemical House, Millbank, London SW. 1.	New prostanoic acid derivatives.
28.	135708	23-8-1971	Michel Feltz, 14e Ayeneuy, Belgium.	Manufacturing high chromium high carbon ferrous alloys.
29.	135721	27-6-1971	Louza Ltd, Gampel/Valais, Switzerland.	Production of transparent impact resistant polymers of vinyl chloride.
30.	135722	29-6-1972	Karl Fischer Apparate-U Rohrleitungsbau, Holzhauserts 159/165, 1 Berlin 27 Federal Republic of Germany.	Preparation of methanol air-mixture for the synthesis of formaldehyde.
31.	135723	17-7-1972	United Aircraft Corpn, 400 Main Str, East Hartford, Connecticut, USA.	Electrochemical cell.
32.	135741	11-5-1972	Sherritt Gordon Mines Ltd, 25 King Street West, Toronto, Canada.	Nickel powder from basic nickel carbonate.
33.	135744	20-4-1972	Labaz, 39, Avenue Pierre ler de Serbie, 75008, Paris.	Composition containing indole derivatives.
34.	135745	21-10-1972	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Extrusion of highly viscous thermo plastics on a single screw extruder.
35.	135746	25-5-1972	American Home Products Corpn, 685, Third Avenue, New York-17.	1, 3-dihydroxy-5-phenyl-2H-1, 4-benzodiazepin-2-one substituted diamino acetate esters & their acid salts.
36.	135748	26-6-1972	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Diazotising amines.
37.	135758	25-4-1972	Elkem-Spigerverket A/S, Elklomhuset, Middle thunssgaten 27, Oslo, Norway.	Treating silica dust.
38.	135771	18-9-1972	Bayer AG, Leverkusen, Federal Republic of Germany.	Continuous production of benzo trichloride.
39.	135772	20-4-1972	Do.	Quinazolonediurethanes.

1	2	3	4	5
40.	135775	23-5-1972	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Benzoxazolones-(2) & benzothiozolones. (2)
41.	135780	22-8-1972	E.I. du Pont de Nemours & Co, Wilmington, Delaware, USA.	Textured polyester yarn.
42.	135787	20-4-1972	ICI Ltd, Imperial Chemical House, Millbank, London SW.1.	Morpholine derivatives.
43.	135789	20-4-1972	Bayer AG, Leverkusen, Federal Republic of Germany.	Anthraquinone sulphonic acids.
44.	137596	21-4-1972	Shell Internationale Research Maatschappij B.V., 30 Carel van Bylandtlaan, Hague, Netherlands.	Cyclopropane derivatives.
45.	135797	15-6-1972	Snamprogetti S.p.A., 16 Corso Venezia Milan, Italy.	2-tryptophan.
46.	135799	17-5-1972	The Goodyear Tire & Rubber Co, 1144 East Market Str, Akron, Ohio, USA.	Preparing age resistant polymers.
47.	135803	3-5-1972	Universal Oil Products Co, No. 10 UoP Plaza Algonquin & Mt Prospekt Rds, Des Plaines, Illinois, USA.	Fluidised catalytic dehydrogenation process.
48.	135805	23-10-1972	Texaco Development Corpn, 135 East 42nd St., New York.	Reducing gas.
49.	135810	4-9-1972	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Fast dyeings & prints on fibrous material containing hydroxyl groups on nitrogen.
50.	135838	15-11-1972	Tashkensky Bumazhny, Tashket GsP, Kuibyshevs koeshosse, 23 USSR.	Cardboard.
51.	135841	18-7-1972	Snamprogetti SpA, 16 Corso Venezia, Milan, Italy.	Novel copolymers.
52.	135843	24-8-1972	Nippon Kokan Kabushiki Kaisha, 2-1, Marunauchi 1-chome, chiyoda-ku, Tokyo.	Preparation of novel plant growth regulants.
53.	135863	5-7-1972	Rhone Poulenc Industries, 6 rue Piccni 7s Paris 16e.	Carrying out bulk polymerisation.
54.	135867	7-9-1972	Fratmann AG, 5 Chemun du Mont Blanc, 1224-chene Bougeries, Switzerland.	N-(1-ethyl-alpha-pyrrolidylmeththyl)-2-methoxy sulfonamidobenzamide.
55.	135869	27-6-1972	'Redox' Desenvolvinento e Exphoracao de Processos Sidergicos Limitada, Rua Pasteur 543, Curitiba (Parana), Brazil.	Direct product of steel.
56.	135874	22-5-1972	Rhone-Poulenc Industries, 6 rue Piccni 7s Paris 16e.	Anisotropic sulphonated polyaryl ether sulphone membrane.
57.	135875	22-7-1972	Mayashibara Biochemical Laboratories Inc, No. 2-3, 1-chome, Shimoishi, Okayama-shi, Okayama-Ken, Japan.	Making shaped bodies from pullulan or a mixture thereof.
58.	135877	23-5-1972	F. Hoffmann La Roche T Co. AG., 124-184 Grenzacherstrasse, Basle, Switzerland.	Package for maintaining non-spore forming bacteria.
59.	135878	20-6-1972	Internationale Nickel Ltd, Thames House, Millbank, London SW. 1.	Coloured chromium alloy.
60.	135879	27-7-1972	Hindustan Lever Ltd, 165-166 Backbay Recl, Bombay-20.	Soap sulphonate tablets.
61.	135893	5-5-1972	F. Hoffmann La Roche & Co. AG., 124-184 Grenzacherstrasse, Basle, Switzerland.	Azo compounds.

1	2	3	4	5
62.	135899	23-5-1972	Hindustan Lever Ltd, 165-166 Backbay Reclamation, Bombay-20.	Protecting hypochlorites for inclusion in a detergent compositions.
63.	135900	27-4-1972	Horizons Research Inc, 23800 Mercantile Rd, Cleveland, Ohio, USA.	Controlled polymerisation of hexachlorophosphazene.
64.	135902	10-7-1972	The Goodyear Tire & Rubber Co, 1144 East Market Str, Akron, Ohio USA.	2-(4-morpholinodithio)-benzo thiazole.
65.	135915	29-4-1972	Eastman Kodak Co, 343 State Str, Rochester, New York 14650, USA.	Electrolytic cell.
66.	135916	10-5-1972	Polysar Ltd, Sarnia, Outario, Canada.	Vulcanisation of rubbery polymers using morpholinyl benzothiazole disulphide compounds.
67.	135923	20-4-1972	Bayer AG, Leverkusen, Federal Republic of Germany.	Unsymmetrical 1, 4-dihydropytridine esters.
68.	135924	20-4-1972	Do.	Do.
69.	135937	4-7-1972	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Water soluble reactive xanthene dyestuffs.
70.	135942	7-9-1972	Do.	5-(amino-benzenesulfonyl-amino) benzimidazolone.
71.	135943	30-10-1972	Stora Kopparbergs Bergslags AB, Folun, Sweden.	Simultaneous combined production of electrical energy & crude irons.
72.	135948	16-8-1972	Snamprogetti SpA, 16 Corso Venezia, Milan, Italy.	Oxidising an olefin.
73.	135949	28-9-1972	The Dow Chemical Co, Midland, Michigan, USA.	Cast explosive composition.
74.	135952	25-4-1972	Elkem-Spigerverket A/S, Elkemhuset, Middle thunsgaten, 27 Oslo, Norway.	Refractory material.
75.	135953	30-11-1972	Texaco Development Corpn, 135 East 42nd Str, New York.	Partial oxidation of hydrocarbons to synthesis gas.
76.	135973	15-5-1972	Hindustan Lever Ltd, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-20.	Trisodium chlorophosphate.
77.	135975	5-12-1972	USS Engineers & Consultants Inc, 600 Grant St., Pittsburgh, Pennsylvania, USA.	Bottan bbuks process for refining of molten iron.
78.	135976	20-7-1972	ICI Ltd, Imperial Chemical House, Millbank, London SW.1.	Copolymerisation of olefin.
79.	135983	22-5-1972	Rhone Poulene SA, 22 Avenue Montaigne, Paris 8e, France.	Anistropic sulphonated polyarylether/sulphone membrane.
80.	135987	8-10-1973	United States Steels Corpn, 600 Grant Str, Pittsburgh, Pennsylvania, USA.	Sintering ferruginous calcium aluminate raw mixes.
81.	135991	5-6-1972	Sankyo Co Ltd, 1-6, 3chome, Nihonbashi Honcho, Chou-ko, Japan.	Piperidine derivatives.
82.	136009	8-5-1972	Shinetsu Chemical Co, 6-1, Otemachi 2-chome, Chiyoda-ku, Japan.	Suspension polymerising vinyl chloride.
83.	136010	6-9-1972	FMC Corpn, 633 Third Avenue, New York-17.	Curing of green briquettes with air.
84.	136013	19-5-1972	Banstahlgewebe GmbH, Dusseldorf Oberkassel, Braggrafenstrasse, 5, German Federal Republic.	Continuous heat treatment on bar shaped low carbon structural steels.
85.	136019	2-5-1972	Rhone-Poulenc SA, 22 Avenue Montaigne, Paris 8e, France.	Isoindoline derivatives.

1	2	3	4	5
86.	136024	11-8-1972	Cinacinnati Milacron Chemicals Inc, Reading, Ohio, USA.	Dimethyltin esters.
87.	136028	11-7-1972	Nordmark-Werke GmbH, Hamburg, Werkevetersen/Holstein, W. Germany.	2-(indonyl-4'-amino)-42 imidazolin.
88.	136034	17-4-1977	NL Industries Inc, 1221 Avenue of the Americas, New York 10020.	Sintered unitary ceramic bodies.
89.	136039	7-6-1972	Labaz, 39 Avenue Pierre ler de Serbie, 75008, Paris.	Preparing benzo(b) thiophene derivatives.
90.	136045	13-7-1972	Glaverbel-Mecaniver, Chaussee de la Hulpe, 166 Watermael, Boitsfort, Belgium.	Sheet glass.
91.	136046	13-7-1972	Do.	Flat glass.
92.	136064	10-1-1973	Ciba Geigy AG of India Ltd, Aarey Road, Goregaon, Bombay-63.	Azo compounds.
93.	136069	5-5-1972	R & L Molecular Research Ltd, 8045 Argyll Rd, Edmonton, Alberta, Canada.	7-(o-amino methylphenyl-acetamido) cephalosporins.
94.	136070	25-4-1972	Cities Service Co, 600 Wall Street, New York.	Polletising process.
95.	136072	16-8-1972	Libbey-Owans Ford Co, 811 Madison Avenuc, Toledo, Ohio, USA.	Bonding & tempering glass sheets
96.	136076	25-4-1972	Hindustan Lever Ltd, Hindustan Lever House, Backbay Reclamation, Bombay-20.	Detergent composition.
97.	136084	13-7-1972	Glaverbel Mecaniver, Chaussee de la Hulpe 166, Watermael-Boitsfort, Belgium.	Sheet glass.
98.	136091	9-8-1972	Hindustan Lever Ltd, Hindustan Lever House, Backbay Reclamation, Bombay-20.	Scouring powder.
99.	136092	27-12-1972	E.I. du Pont de Nemours Co, Wilmington, Delaware, USA.	Multistage iron chloride oxidation.
100.	136093	20-4-1972	American Home Products Corpn, 685 Third Avenue, New York-17.	6-amino penicillanic acid.
101.	136094	31-1-1973	Hoechst AG, 6230 Frankfurt/Main, Federal Republic of Germany.	1-hydroxy-2-pyridones.
102.	136095	7-10-1972	Societe d'etudes de Produits Chimiques 16 rue Kleber 92130 Issy-les-Moulineaux, France.	Isopropylamino pyrimidine derivatives.
103.	136100	22-12-1972	Bayer AG, Leverkusen, Federal Republic of Germany.	Morpholino dithiothiazole.
104.	136108	20-6-1972	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Chloroformic acid aryl esters & cyclic carbonates.
105.	136123	1-8-1972	Ciba-Geigy AG, of India Ltd, Aarey Rd, Goregaon, Bombay-63.	New dyestuff salts.
106.	136128	28-12-1972	International Nickel Ltd, Thames House, Millbank, London SW.1.	High temperature alloys.
107.	136146	19-5-1972	Amchem Products, Inc, Brookside Avenue, Ambler, Pennsylvania, USA.	Composition for inhibiting sucker growth onto tobacco plants.
108.	136158	12-5-1972	Gelfil Co, Establishment, Hauptstrasse 26, 9490, Liechterstein.	Method & apparatus for treating webs of fibrous material for tobacco product filters particularly cigarette filters.

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109.	136163	30-8-1972	Shell Internationale Research Maatschappij B.V., 30 Carel Van Bylandtlaan, Hague, Netherlands.	Pelletisation of soot.
110.	136168	5-1-1973	Do.	Silver catalyst.
111.	136170	25-5-1972	George Oscar Kohler, 2259 Tamalpais Avenue, El Cerrito, California 95430.	Fractionating a juice derived from green vegetable material.
112.	136176	29-8-1972	Bayer AG, Leverkusen, Federal Republic of Germany.	Nitrodiphenyl amine derivatives
113.	136181	11-6-1973	Monsanto Co, 800 North Lindbergh Blvd, St. Louis, Missouri 63166, U.S.A.	1, 2, 3-trichloropropene.
114.	136198	31-10-1972	ECAR Products, Wilmington, Delaware, U.S.A.	Deinking printed waste cellulosic stock.
115.	136199	16-9-1972	I.C.I. Ltd., Imperial Chemical House, Millbank, London, S.W.1.	Electrodes for electrochemical processes.
116.	136204	3-4-1972	Unilever Ltd., Unilever House Blackfriars, London E.C.4.	An emmental cheese flavouring composition.
117.	136206	29-1-1973	I.C.I. Ltd., Imperial Chemical House, Millbank, London, SW. 1	Porous diaphragms.
118.	136210	12-6-1972	Dynamit Nobel AG, 521 Troisdort Postfach 1209, W. Germany.	Monomethyl terephthalate.
119.	136224	13-6-1972	May & Baker Ltd., Dagenham, Essex, England.	Cyclopentane derivatives.
120.	136225	11-5-1972	Hooker Chem Corpn., Niagara Falls, New York.	Chlorine dioxide generating system.
121.	136235	23-5-1972	Universal Oil Products Co., 10 UoP Plaza-Algonquin & Mt Prospekt Rd., Des Plaines, Illinois, U.S.A.	Hydrocarbon conversion process.
122.	136236	6-9-1973	Hayashibara Biochemical Laboratories Inc., No. 2-3-, 1-chome, Shimoishi, Okayami-shi, Okayama-Ken, Japan.	Pullulan.
123.	136237	21-8-1972	Hoechst AG, 40 Bruningstrasse, Federal Republic of Germany.	Novel water soluble monoazo dyestuffs.
124.	136239	27-4-1972	Fisons Ltd., 9 Grosvenor Str, London.	Prilling process & prilling head used therefor.
125.	136241	28-6-1972	Battelle Development Corpn. 505 King Avenue, Columbus, Ohio, U.S.A.	Improving flexural strength in fiber containing concrete.
126.	136242	3-5-1972	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main Federal Republic of Germany.	Water soluble monoazo dyestuffs.
127.	136245	27-4-1972	Aikoh Co Ltd., No. 1-39, 2-chome, Ikenohata, Taito-ku, Tokyo.	Desulfurising agent for a molten pig iron.
128.	136248	12-7-1972	Kaempen Industries Inc., 3202 Larkstone Drive, Orange, California, U.S.A.	Composite laminate.
129.	136254	5-3-1971	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main Federal Republic of Germany.	Optical brightening of organic materials.
130.	136262	17-8-1972	Do.	New water soluble monoazo pyrazolone dyestuffs.

1	2	3	4	5
131.	136271	6-9-1972	FMC Corpn., 633 Third Avenue, New York.	Substituted dioxanes.
132.	136272	29-5-1973	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main Federal Republic of Germany.	3 nitro-4-amino toluene.
133.	136274	21-3-1973	Monsanto Co. 800 North Lindbergh Blvd, St. Louis, Mossouri 63166, U.S.A.	N-phosphonomethyl glucine.
134.	136276	28-7-1972	Prof. Dr. Ing. Werner Wenzel of Aachem Intzester 1, W. Germany.	Equipment for reduction of metal ores particularly iron ores.
135.	136281	20-4-1972	Clin-Midy, 20 Bue des Fossess Saint-Jacqes, Paris.	Benzodiazepine.
136.	136294	22-5-1972	Council of Scientific and Industrial Research Institute, Rafi Marg, New Delhi.	A non sealing distribution column.
137.	136300	8-5-1972	Hindustan Lever Ltd., Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-20.	Bleaching of khakkan fat.
138.	136321	19-5-1972	Sherritt Gordon Mines Ltd., 25 King Str, West Toronto, Ontario, Canada.	Production of nickel powder from basic nickel carbonate.
139.	136326	20-4-1972	Eli Lilly & Co., 740 South Alabama Str, Indianapolis, U.S.A.	Cephalosporin antibiotic.
140.	136331	12-6-1973	Ceskoslovenska Akademie Ved, No. 3, Narodni Prague 1, Czechoslovakia.	Native microbial protein with a low content of nucleic acids useful as food or feed.
141.	136337	26-4-1972	Bayer AG, Leverkusen, Federal Republic of Germany.	Polyazo dyestuffs.
142.	136339	30-8-1972	Ciba Geigy AG, Klybeckstrasse 141, Basle, Switzerland.	New disazo pigments.
143.	136340	5-1-1973	Shell Internationale Research Maatchappij BV, 30 Carel Van Bylandtlaan, Hague, Netherlands.	Preparation of ethylene dioxide.
144.	136349	11-7-1972	Hoechst AG, 45 Bruningstrasse, Federal Republic of Germany.	Flurocarbon waxes.
145.	136356	4-8-1972	Solvay & Cie, Rue duc Prince Albert 33, B-1050 Brussels, Belguim.	Discontinuous fibrils.
146.	136368	10-8-1973	Ciba Geigy AG, Klybeckstrasse 141, Basle, Switzerland.	Dyeing of synthetic fibre material.
147.	136375	1-12-1972	Eisenwork-Gesellschaft Maximiliaushulte mbh, 8458 Sulzbach Hutte, W. Germany.	Refining low phosphorus pig iron to make steel.
148.	136395	29-9-1972	Union Carbide Corpn, 270 Park Avenue New York.	Reduced mercury containing zinc alkaline cells.
149.	136397	18-12-1972	Bayer AG, Leverkusen, Federal Republic of Germany.	Production of an absorbent based on synthetic resin.
150.	136408	30-8-1972	Ciba Geigy AG, Klybeckstrasse 141, Basle, Switzerland.	New disazo pigments.
151.	136420	22-7-1972	Hoechst AG, 45 Bruningstrasse, Federal Republic of Germany.	Polymerisation of alpha olefins.
152.	136426	16-9-1972	Allegheny Ludlum Industries Inc, 2000 Oliver Bldg., Pittsburgh, Pennsylvania, U.S.A.	Heat treating strip material.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. *Title of the invention*

85928 (20-4-72) Process for aminoalkylation of aromatic or aromatic heterocyclic secondary amines.

97212 (20-4-72) Method for the preparation of a guanidine.

97558 (20-4-72) A process for the preparation of ergot alkaloids by biosynthesis.

114392 (20-4-72) Process for the preparation of diethers of halveticoside and helveticosol.

121299 (20-4-72) Method of making reconstitutable alce gel in crystalline form.

124368 (20-4-72) Process for the preparation of benzomorphan derivatives.

125472 (20-4-72) Process for the preparation of 5-(3-cyanopropyl)-hydantoin.

132827 (8-9-71) Process for the polymerisation of olefins.

133302 (21-10-71) Process for recovering silicic acid and silicates.

133684 (19-11-71) Improvements in or relating to a process for extracting wet method phosphoric acid.

133913 (10-12-71) Process for manufacturing paper pulp from eucalyptus wood.

134147 (31-12-71) Process for the preparation of colored resin particles.

134151 (31-12-71) Process for the preparation of basic oxazine dyestuffs.

134782 (1-3-72) Process for preparing monoazo pigment.

134799 (2-3-72) Method for inhibiting the polymerization of conjugated dienes.

135618 (26-9-72) A process for the preparation of an alkaline earth petroleum sulphonate inhibitor.

135630 (27-6-72) Process for the preparation of N-alkylcarbazoles.

RENEWAL FEES PAID

85547 85934 86101 86116 86369 86851 91048 91273 91691 91704 91765 91886 91934 92571 92955 96450 96743 97089 97152 97507 97543 97734 103212 103278 103499 104162 107975 108626 108641 108679 108684 109119 109154 109249 109471 109516 109544 109731 109909 109962 113460 113461 113462 113602 113637 113689 114730 115116 118831 118832 118877 118882 119006 119037 119038 119167 119404 119405 119434 119514 119551 119584 119589 119609 119874 120321 122460 122884 124269 124270 124326 124330 124115 124421 124450 124563 124585 124588 124827 124922 124928 124964 125068 125075 125209 125741 125908 126176 129059 129495 129524 129674 129820 129821 129875 130116 130924 132057 133400 133767 133887 133888 133917 133934 133973 134135 134164 134190 134409 134673 134962 136398 136884 137044 137045 137054 137127 137243 137265 137294 137687 137798 138216 138220 138235 138586 138626 138897 139038 139201 139288 139357 139461 139960 140732 140810 140816 140852 140900 140961 140968 140971 140987 140988 141008 141020 141021 141035 141041 141058 141144 141148 141158 141160 141168 141171 141172 141177 141179 141207 141210 141211 141214 141226 141237 141249 141433

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry in the date of registration of designs included in the entry.

Class 1. No. 145640. Motwane Manufacturing Company Private Limited, a Company incorporated under the provisions of the Indian Companies Act, 1956, of 127, Mahatma Gandhi Road, Fort, Bombay-400023, State of Maharashtra, India. "Microphone" May 31, 1977.

Class 1. No. 145648. Prakash Type Foundry, 250—267, Narayan Peth, Poona-30, Bombay, Maharashtra, Indian Partnership Firm. "Printing types" June 4, 1977.

Class 1. Nos. 145664 & 145665. Rehman Industries (India), 2848-Bulbuli Khana, Bazar Sita Ram, Delhi, an Indian Sole proprietory concern. "Sharpener" June 13, 1977.

Class 1. No. 145671. Norton & Co. 1/16, Baker Thiruvengada Mudali Street, Choolai, Madras-7, India, an Indian Partnership Firm "Type founts". June 14, 1977.

Class 3. No. 145599. View Films, an Indian proprietory concern, C-10/1, Model Town, Delhi-110009, India, "Viewer" May 23, 1977.

Class 3. No. 145651, Bombay Burma Plastics, 119, Adhyaru Industrial Estate, Summill Compound, Sunmill Road, Lower Parel, Bombay-400013, Maharashtra, an Indian Partnership Firm, "Container" June 6, 1977.

Class 3. No. 145653. Brahma Bharat Udyog, 119, Adhyaru Industrial Estate, Sunmill Componnd ,Sunmill Road, Lower Parel, Bombay-400013, Maharashtra, an Indian Partnership Firm. "Container" June 6, 1977.

Class 3. No. 145654. G. T. Plastics, C-3, William Compound, Marve Road, Malad (West), Bombay-400064, Maharashtra State, India. an Indian Proprietory Firm. "Bottle cap" June 6, 1977.

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Design No. 131594	Class 1.
Design Nos. 131595, 131596 & 131597	Class 3.

Name Index of Applicants for Patents for the month of October, 1977 (Nos. 1466/Cal/77 to 1563/Cal/77, 289/Bom/77 to 316/Bom/77, 160/Mas/77 to 174/Mas/77 and 284/Del/77 to 357/Del/77

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All One God Faith, Inc.—1460/Cal/77

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American Home Products Corpn.—1522/Cal/77

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Tsentranlny Nauchno-Issledovatelsky I

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